

IRIS

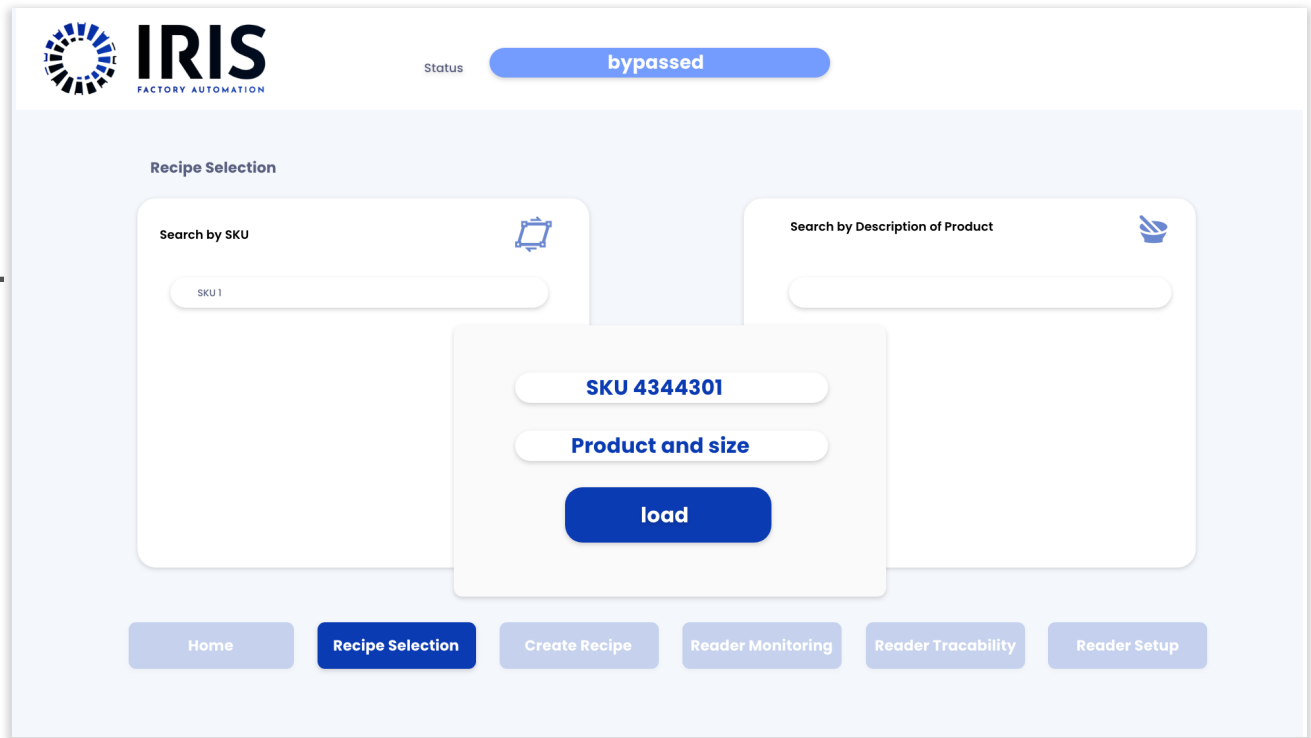


Classify·Quantify·Resolve

IRIS FACTORY AUTOMATION
VISION INSPECTION

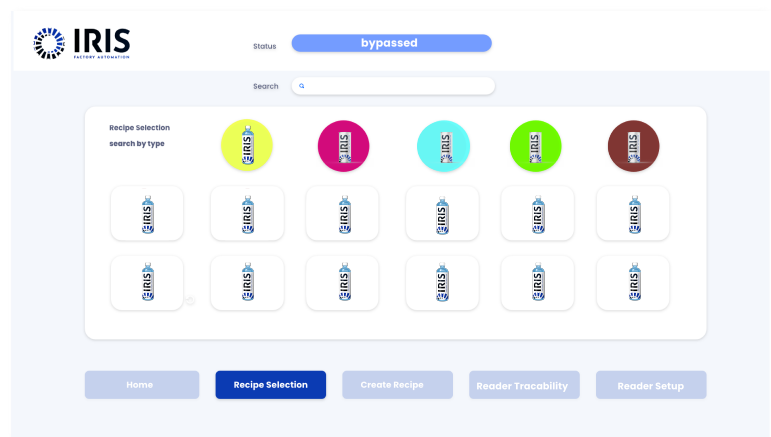
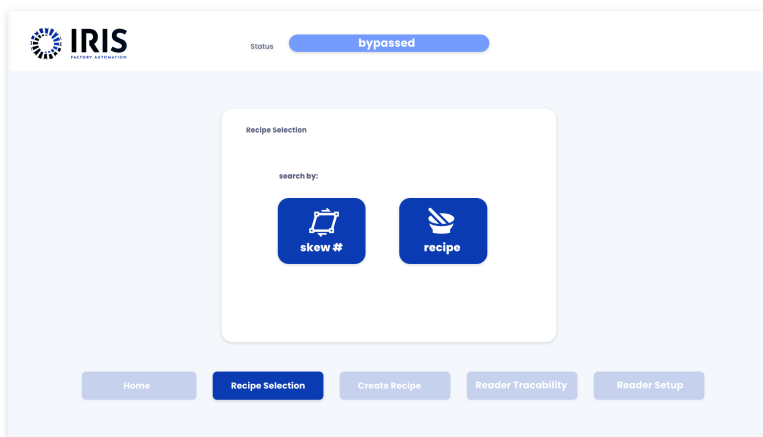
Traceability Applications

Equipped with a touch-panel HMI, the IRIS dashboard is designed with easy set up and quick selection capabilities. By utilizing a one-button selection tool, the operator can set up a new recipe in seconds.



Easy set up

Load Recipe: Easily load a new recipe by entering SKU # and product size.

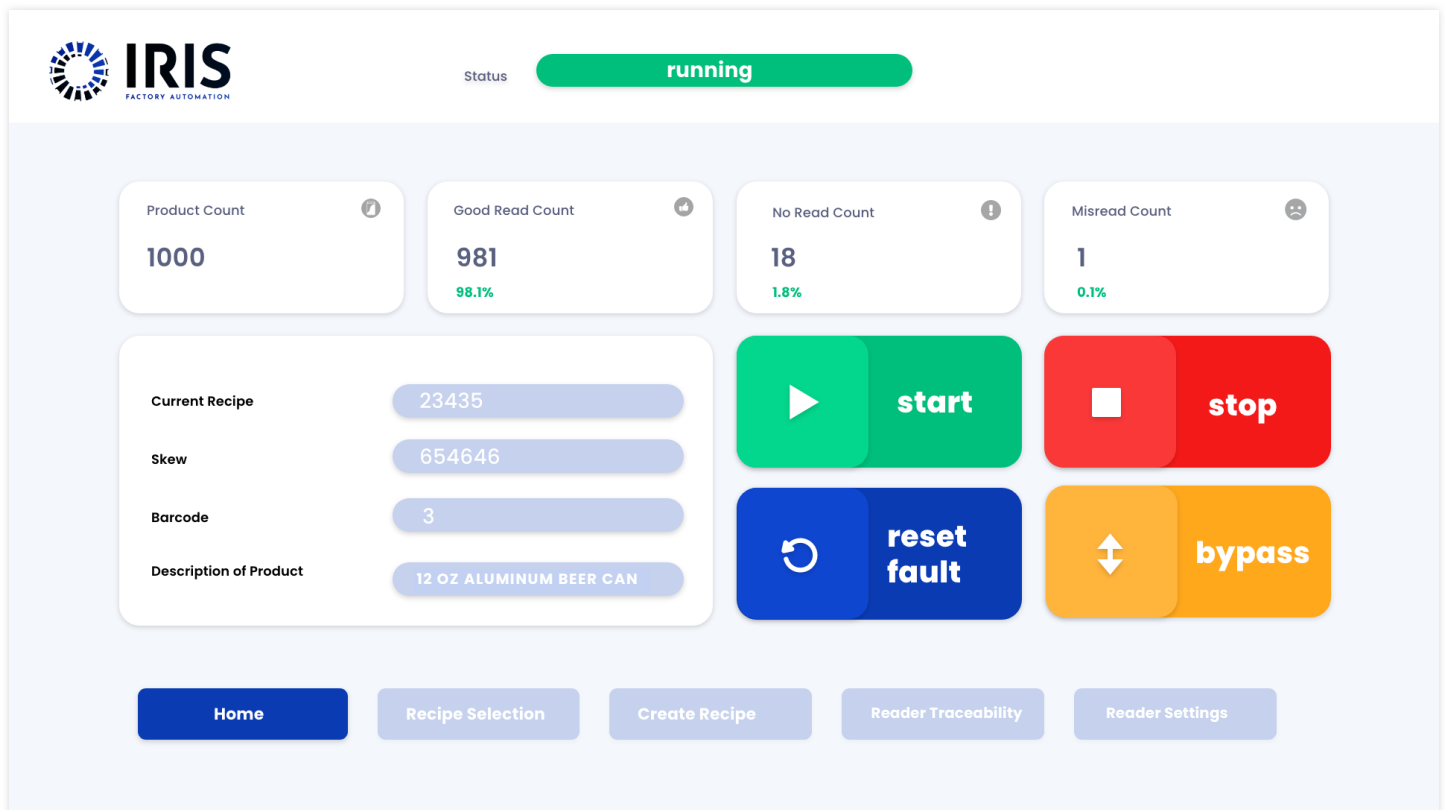


Quick selection tools

Search or select: Search for a recipe by skew # or image.

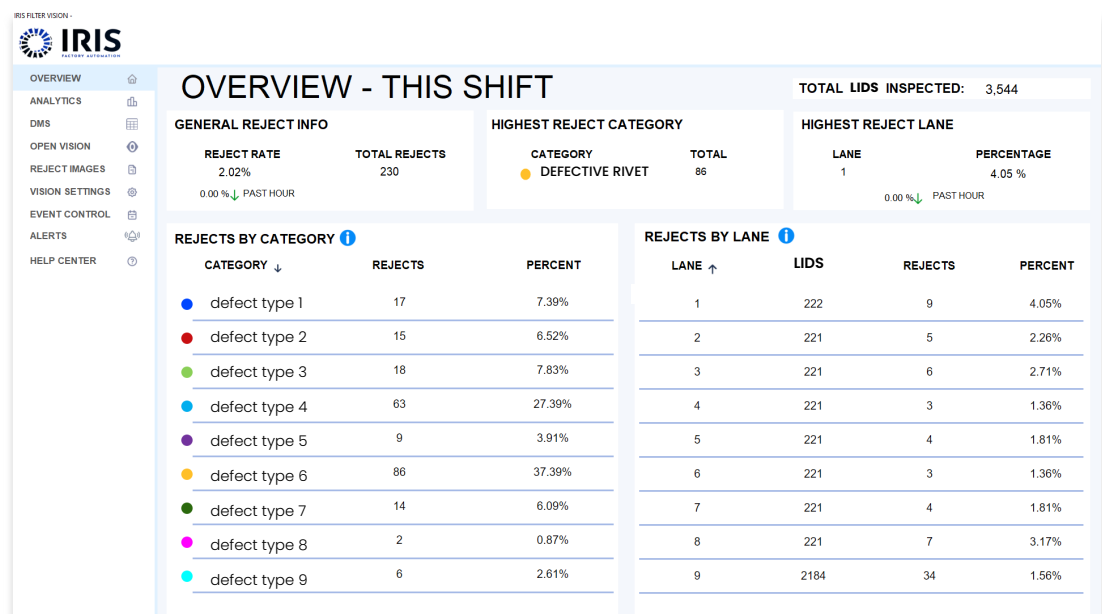
Simple to Use Operator Screen

Identify trending defects to better understand quality issues. Smart visibility coupled with traceability addresses quality issues before reaching consumers. With the ability to track product defects, you can effectively manage and protect the reputation of your brand.




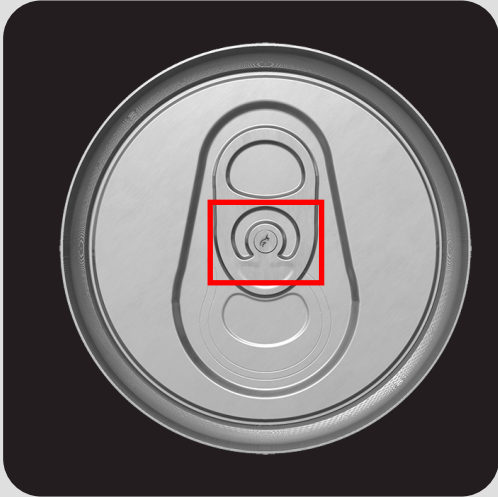
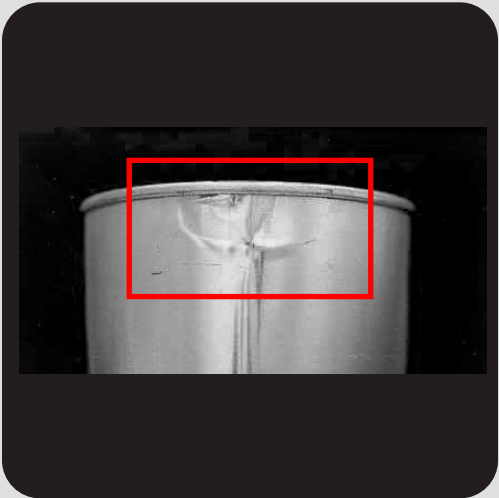
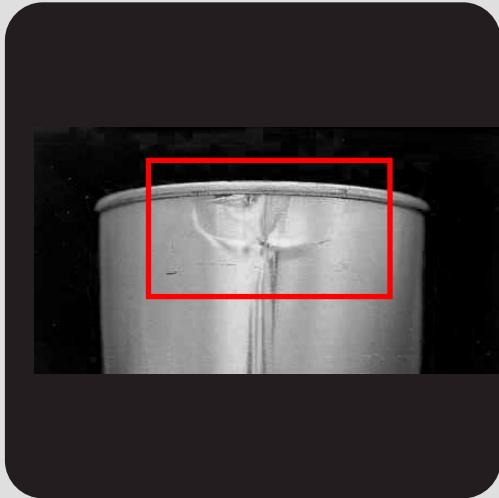
Identify Systemic Problems

Easily view current defect trends and identify potential systemic problems.



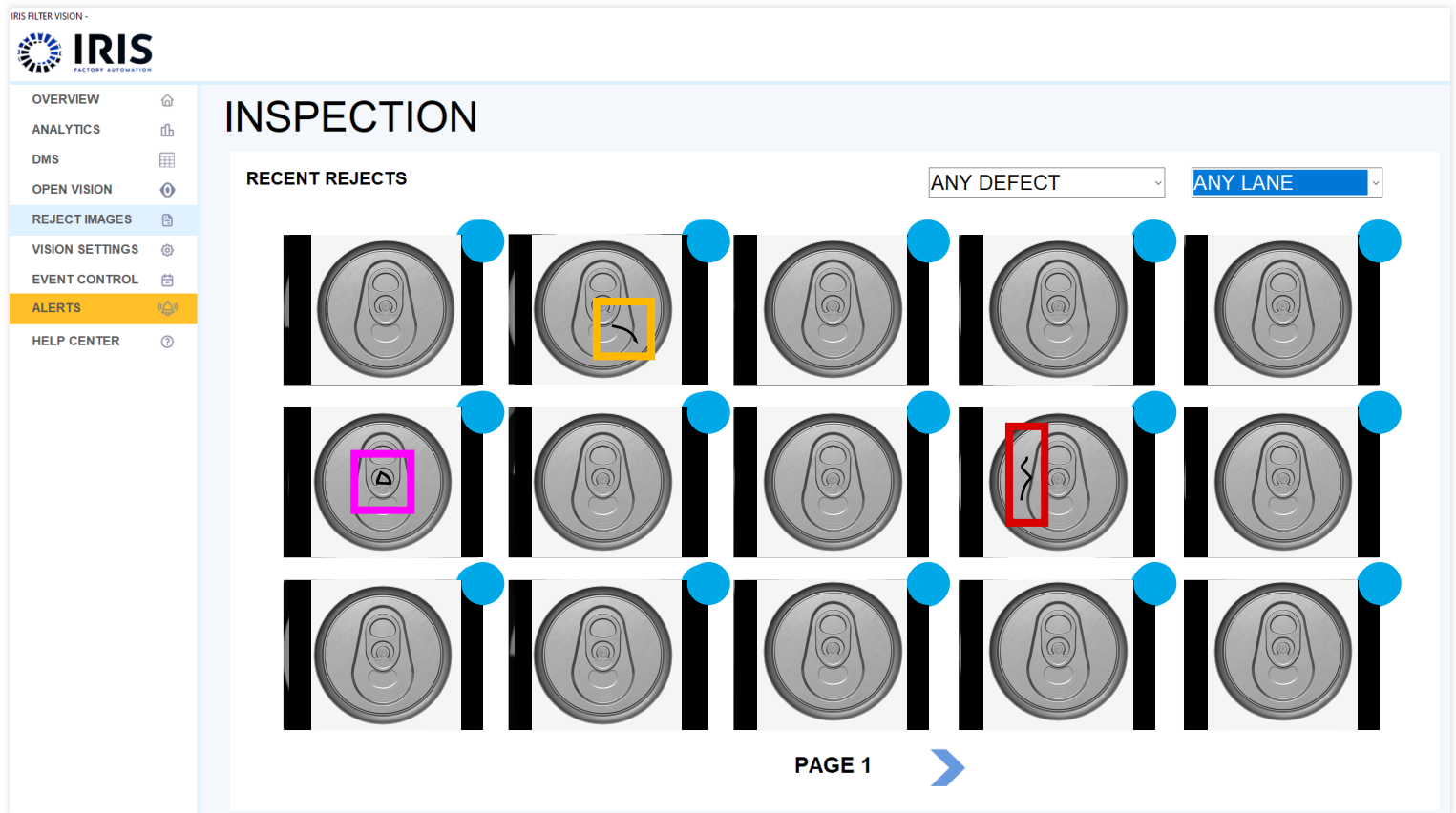
Leveraging the Power of AI

By leveraging AI and Deep Learning tools, users are not only able to identify, but also **classify** defects into terms recognizable by the facilities in which they are installed. This empowers facilities to be able to harvest data in a manner that is **relative to their process**, so they can deploy corrective measures to resolve the issues where they begin saving time, minimizing waste, and avoiding unplanned downtime.

Traditional Vision	Vision using AI
	
Binary tool deviation fault	Defective rivet
	
Binary tool deviation fault	Sealing edge physical damage

Intelligent classification

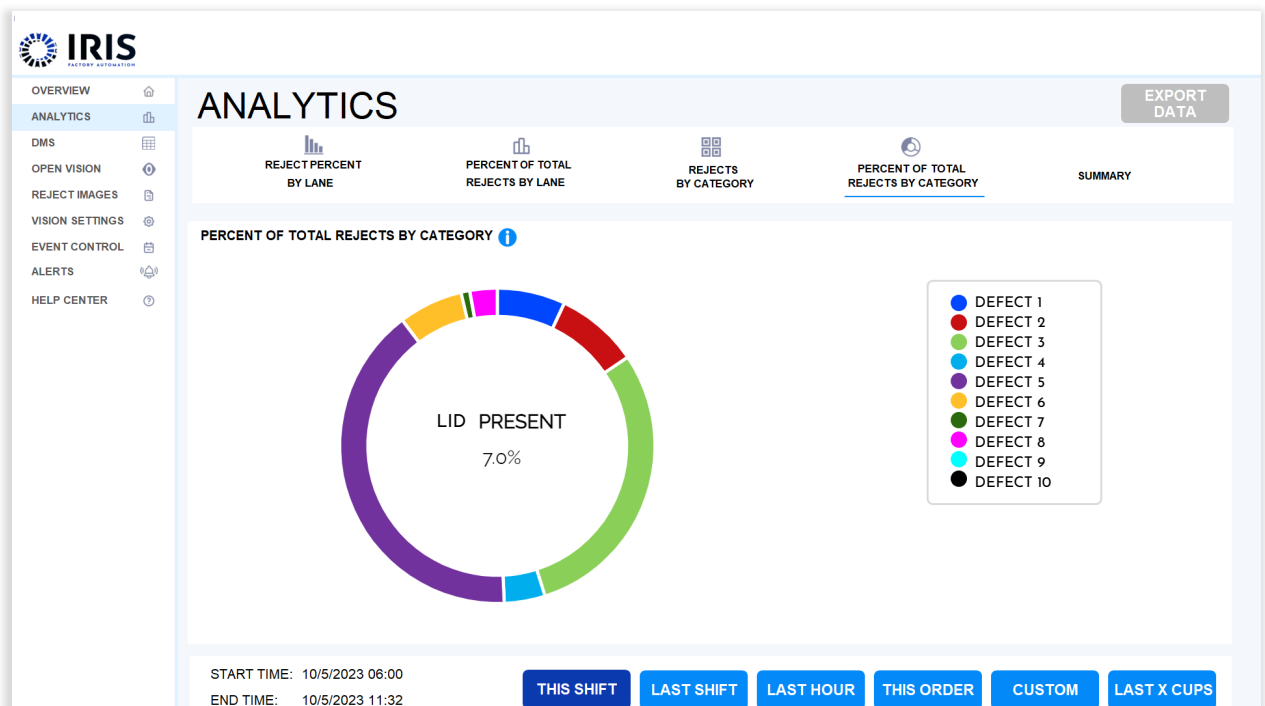
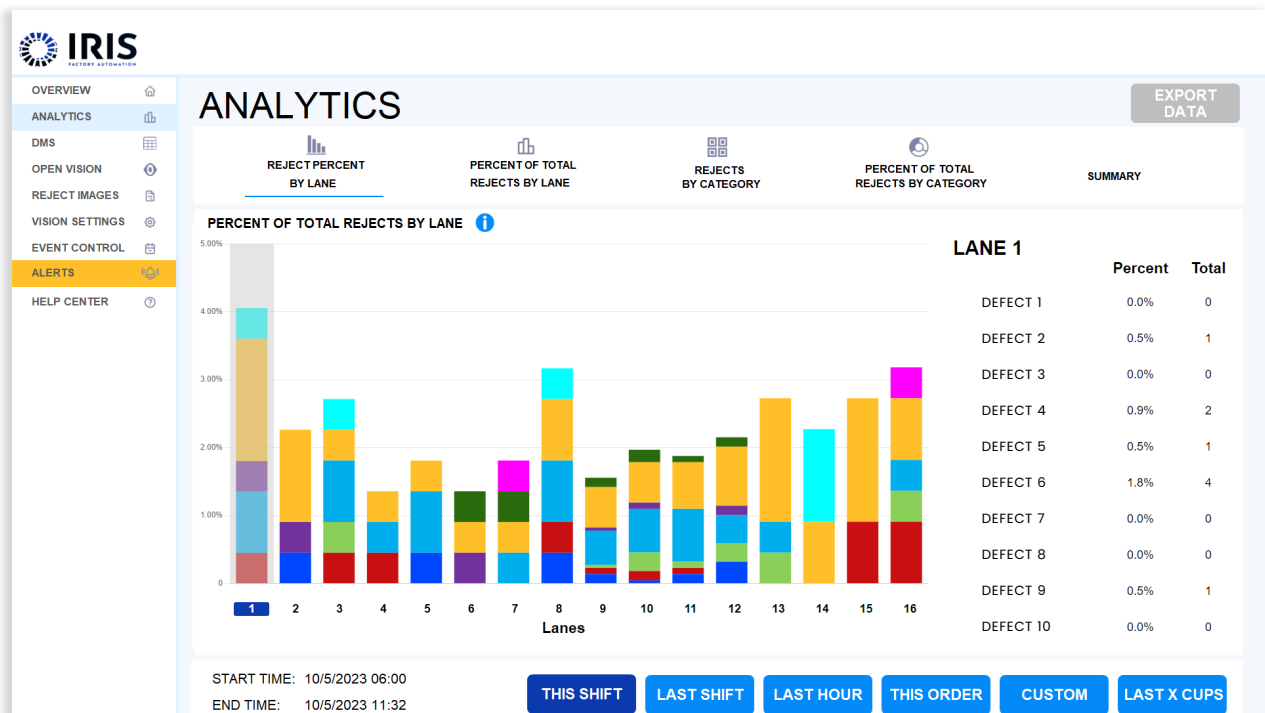
IRIS vision systems are able to leverage the use of deep learning algorithms to detect the smallest variation based on predefined classifications customizable to your manufacturing requirements.



Our systems empower users to recall recent images both good and bad to better understand what is happening at the line.

Data driven approach

By leveraging classification and then quantifying those defects into categories, users can better understand intermittent and systemic issues in order to make data driven decisions to maintain quality with minimal impact to production.



Preventative focus

By quickly identifying the root cause of defect conditions, our clients can leverage this information to reduce unplanned downtime, optimize production tooling, and maintain a targeted preventative maintenance schedule.



Targeted
preventative
maintenance



Reduced
tooling costs



Prevent
unplanned
downtime

Contact Us



www.irisfactoryautomation.com



630-634-7700



info@iriscs.com